

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3874	257/758.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 13:54
S2	817	257/776.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 17:50
S3	186	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 17:50
S5	14	("3809797"   "4513355"   "4705606"   "4764804"   "4796077"   "4855808"   "4914551"   "4922324"   "4930002"   "4965702"   "5075764"   "5111278"   "5134539"   "5188985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:09
S6	4	("3969815"   "4517050"   "4608592"   "4630172").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:13
S7	36	("4965702").URPN.	USPAT	OR	ON	2006/08/30 18:13
S8	10	("4714516"   "4783695"   "4835704"   "4866508"   "4878991"   "4884122"   "4894115"   "4901136"   "4918811"   "4933042").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:14
S9	71	("5111278").URPN.	USPAT	OR	ON	2006/08/30 18:16
S10	20	("5027253"   "5111278"   "5172304"   "5401688"   "5424250"   "5459368"   "5484647"   "5641997"   "5834850"   "5874770"   "6002592"   "6038133"   "6060150"   "6160526"   "6242282"   "6311888"   "6359235"   "6740964"   "6774467"   "6780668").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:49
S11	3223	S1 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:52
S12	3223	S1 not S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:55

## EAST Search History

S14	1	"20050116356"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 09:05
S15	526	257/758.ccls. and (signal near5 line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 13:56
S16	466	257/758.ccls. and (signal near5 line) and (@ad<"20031127" @rlad<"20031127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 13:58
S17	413	257/758.ccls. and (signal near5 line) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:09
S18	0	257/758.ccls. and (signal near5 bonding same non\$1signal near5 bonding) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:10
S19	0	257/758.ccls. and (signal near5 bonding same non\$1signal) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:11
S20	0	257/758.ccls. and (signal near5 bonding same nonsignal) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:11
S21	35	257/758.ccls. and (signal near5 bonding) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:09
S22	4	("20010015327"   "5231751"   "5674784"   "6583364").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 14:15
S23	0	("7057279").URPN.	USPAT	OR	ON	2006/08/31 14:15

## EAST Search History

S24	0	257/758.ccls. and (signal same non\$1signal) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:09
S25	152	257/758.ccls. and (signal same power near5 ground) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:09
S26	4	("20010015327"   "5231751"   "5674784"   "6583364").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 15:16
S27	16	("4866507"   "4879631"   "5032892"   "5083184"   "5084746"   "5155656"   "5266821"   "5304506"   "5329237"   "5485029"   "5519243"   "5726485"   "5795794"   "5874778"   "6075285"   "6090647").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 15:58
S28	2	("4879631"   "5270655").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 16:01
S29	6	257/758.ccls. and (signal same power near5 ground with alternat\$3) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:15
S30	604	(signal same power near5 ground with alternat\$3) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:16
S31	1	(signal same power near5 ground with alternat\$3 same bonding adj pad) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:17
S32	15	(signal same power near5 ground with alternat\$3 same bonding) and (@ad<"20021127" @rlad<"20021127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:17

## EAST Search History

S33	5	"6486534"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 17:50
S34	2	("6486534").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:53
S35	2	("6717267").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:55
S36	2	("6100573").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:56
S37	2	("5475264").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:58
S38	2	("20020020917").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 18:00
S39	2	("6989600").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 18:00
S40	2	("6100573").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 15:53

## EAST Search History

S41	2	("6717267").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 16:24
S42	2	("6989600").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 16:27
S43	7	("5952709").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 16:43
S44	0	("bondingadjpad").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 16:43
S45	36793	bonding adj pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 16:43
S46	13	bonding adj pad and (signal with non\$1signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 16:54
S47	768	bonding adj pad and (signal near5 line with via)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:49
S48	753	circuit and (bonding adj pad) and (signal near5 line with via)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 16:55

## EAST Search History

S49	113	circuit and (bonding adj pad) same (signal near5 line with via)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:12
S50	1	circuit and (bonding adj pad) same (signal near5 line with via) same alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:13
S51	43	circuit and (bonding adj pad) same (signal near5 line with via) and alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:13
S52	0	("2005/0116356").URPN.	USPAT	OR	ON	2006/09/05 17:54
S53	4	("5687358"   "5898846"   "6452113"   "6457155").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:18
S54	5	("4888631"   "5949090"   "6177733"   "6423558"   "6822330").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:19
S55	3	("6150726"   "6633082"   "6674167").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:27
S56	26	("4710798"   "5281151"   "5360988"   "5367403"   "5367435"   "5375042"   "5378926"   "5381039"   "5399898"   "5400220"   "5434452"   "5436203"   "5450283"   "5523622"   "5635767"   "5640051"   "5652466"   "5654590"   "5661341"   "5672911"   "5710071"   "5734560"   "5763939"   "5773882"   "5777383"   "5786630").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:28
S57	11	("20030218255"   "5514892"   "6008542"   "6037669"   "6121690"   "6174803"   "6242814"   "6291898"   "6329278"   "6476506"   "6489228").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 10:18
S59	2	("20010013662").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 11:33

## EAST Search History

S60	2	("5072280").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 11:44
S61	23576	power near5 line same ground near5 line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:44
S62	6695	power near5 line same ground near5 line same signal near5 line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:45
S63	391	power near5 line same ground near5 line same signal near5 line same alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 12:03
S64	24	power near5 line same ground near5 line same signal near5 line with prevent\$3 same alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:50
S65	3	power near5 line near10 ground near5 line near10 signal near5 line with prevent\$3 same alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:50
S66	77	power near5 line same ground near5 line same signal near5 line same alternat\$3 and (top adj view or plan\$2 adj view)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 12:14
S67	8	("5523622"   "5532612"   "5547740"   "6111756"   "6127833"   "6198635"   "6225695"   "6407462").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 12:28
S68	1	("6556454").URPN.	USPAT	OR	ON	2006/09/06 12:29
S69	2	("5590016"   "5636099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 12:37
S70	6	("6333857").URPN.	USPAT	OR	ON	2006/09/06 12:37

## EAST Search History

S71	3	("5095352"   "5111271"   "5742099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 12:41
S72	818	257/776.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 12:44
S73	2	("20020145201"   "5783864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 12:51
S74	6	("5357403"   "5904569"   "6037547"   "6395630"   "6413872"   "6501186").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 12:54
S75	1	("5355008").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 13:15
S76	2138	257/773.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 14:05
S77	1	257/773.ccls. and (power near5 line near10 ground same alternat\$3 near10 signal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 13:16
S78	36	("4183041"   "4551746"   "4626889"   "4833521"   "5089881"   "5221858"   "5245214"   "5399902"   "5422513"   "5482898"   "5623628"   "5629241"   "5696466"   "5717245"   "5751554"   "5757074"   "5877552"   "5898217"   "5945886"   "5950304"   "5952726"   "5977617"   "5983089"   "6018196"   "6020220"   "6020637"   "6037822"   "6048753"   "6054758"   "6114751"   "6121815"   "6211576"   "6346743"   "6377464"   "6380616"   "6462423").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 13:17
S79	17	"5514892"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 14:05
S80	2	("5514892").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 17:40



## EAST Search History

S81	535	257/e23.153.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 14:24
S82	9	"6717267"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 18:21
S83	2	("6717267").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 09:29
S84	2	("5446243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 09:30
S85	0	("570709a2").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 09:30
S86	2	("0570709").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 09:30
S87	20	"6410990"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 14:56
S88	2	("6484302").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 15:09

## EAST Search History

S89	2	("20010024859").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 15:45
S90	2	("6717270").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 15:45
S91	11	("20030218255"   "5514892"   "6008542"   "6037669"   "6121690"   "6174803"   "6242814"   "6291898"   "6329278"   "6476506"   "6489228"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 15:52
S92	2	("4992845"   "4999698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 16:04
S93	0	("6856022").URPN.	USPAT	OR	ON	2006/09/07 16:04
S94	16	("20010045670"   "20030042499"   "20030174452"   "20050023692"   "5514892"   "5517048"   "5751065"   "5901022"   "6147538"   "6157065"   "6207547"   "6384486"   "6495918"   "6731007"   "6788507"   "6858885"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 16:47
S95	129	257/e23.141,257/e23.142,257/e23. 143,257/e23.151,257/e23.152.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 16:49
S96	154	257/e23.141,257/e23.142,257/e23. 143,257/e23.151,257/e23.152.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:49
S97	0	257/e23.141,257/e23.142,257/e23. 143,257/e23.151,257/e23.152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:49
S98	21	257/e23.141, 257/e23.142 ,257/e23. 143, 257/e23.151, 257/e23.152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:49

## EAST Search History

S99	7	257/e23.141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:49
S10 0	154	257/e23.141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:50
S10 1	89	257/e23.141.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 17:09
S10 2	437	257/e23.151.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 17:56
S10 3	202	257/e23.152.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:48
S10 4	267	257/e23.142.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 17:01
S10 5	55	257/e23.143.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 16:51
S10 6	3885	257/758.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:48

## EAST Search History

S10 7	1685	257/758.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:48
S10 8	89	257/e23.141.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:50
S10 9	202	257/e23.152.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:50
S11 0	267	257/e23.142.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:50
S11 1	55	257/e23.143.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 08:50
S11 2	1085	S107 not S108 not "102" not S109 not S110 not S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 09:03
S11 3	2	"20030011073"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 09:44
S11 4	9	"5969420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 09:44

## EAST Search History

S11 5	2	("5969420").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:20
S11 6	1748	257/786.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 10:21
S11 7	881	257/786.ccls. and (power or ground)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 10:25
S11 8	542	S117 not "101" not "102" not "103" not "104" not "105"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 10:25
S11 9	9	("5784242"   "5801440"   "5900675"   "5917220"   "6008532"   "6291898"   "6307271"   "6410990"   "6680544"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 10:49
S12 0	2	"20030011073"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 09:58
S12 1	1	"6759329"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 09:05